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DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS AND PRODUCTS FOR REGULATING LECTIN COMPLEMENT PATHWAY ASSOCIATED COMPLEMENT ACTIVATION

the specification of which was filed on December 15, 1999 as United States Application No. 09/464,303.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, \$1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, \$119(a)-(d) or \$365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. \$\$119 and

365(a),(b):			Prior Claim	-
			[]	[]
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	YES	NO
		·	[1	[]
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	YES	МО
. •			[]	[]
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	YES	NO.

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

60/112,390	12/15/98
(Application Number)	(filing date)
	(6121
(Application Number)	(filing date)

I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s), or \$365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35,

United States Code, \$112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, \$1.56

which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<u> </u>	<u></u>	<u> </u>			
(Application No.)	(fil	ing date) (s	tatus-patente	d, pending, abandoned).
•	• • • • • •			•	
(Application No.)	(fil	ing date) (s	tatus-patente	d, pending, abandoned)
PCT International Ag	pplications	designating the Un	ited States:		
•					
(PCT Appl. No.)	(U.S. Ser.	No.) (PCT fili	ng status	-patented, pending, abando	ned)
			and/or agen	t/s) to procesute	thic
I hereby appoint	the follow	wing attorney(s)	Patent and T	t(s) to prosecute rademark Office conne	cted
therewith:	crambace ar	1 200111000 111 0110			
			21.624	0. 1. 0.1	10.000
Robert M. Abrahamsen	40,886	Jason M. Honeyman	31,624	Stanley Sacks	19,900
John N. Anastasi .	37,765	Ronald J. Kransdorf	20,004	Christopher S. Schultz.	37,929
Gary S. Engelson	35,128	Peter C. Lando	34,654	Alan B. Sherr	42,147
Neil P. Ferraro	39,188	Helen C. Lockhart	39,248	Robert A. Skrivanek, Jr.	41,316
Thomas G. Field	P-45,596	Matthew B. Lowrie	38,228	Paul D. Sorkin	39,039
Stephen R. Finch	42,534	William R. McClellan	•	Alan W. Steele	45,128
Edward R. Gates	31,616	Daniel P. McLoughlin	P-46,066	Mark Steinberg	40,828
Richard F. Giunta	36,149	James H. Morris	34,681	Joseph Teja, Jr.	45,157
Peter J. Gordon	35,164	M. Lawrence Oliverio	30,915	John R. Van Amsterdam	40,212
John C. Gorecki	38,471	Timothy J. Oyer	36,628	Michael G. Verga	39,410
William G. Gosz	27,787	Edward F. Perlman	28,105	Robert H. Walat	P-46,324
Lawrence M. Green	29,384	Michael J. Pomianek	P-46,190	Lisa E. Winsor	44,405
George L. Greenfield	17,756	Elizabeth R. Plumer	36,637	David Wolf	17,528
James M. Hanifin, Jr.	39,213	Randy J. Pritzker	35,986	Douglas R. Wolf	36,971
Therese A. Hendricks	30,389	Robert E. Rigby, Jr.	36,904	Ivan D. Zitkovsky	37,482
	27,900	Edward J. Russavage	43,069		- · ,
Steven J. Henry	21,700	Lawara J. Rassavage	43,007		

Address all telephone calls to Helen C. Lockhart at telephone no. (617) 720-3500. Address all correspondence to:

Helen C. Lockhart c/o Wolf, Greenfield & Sacks, P.C., Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210-2211

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sayy/ Hutes

2-16-00

Inventor's signature

Full name of first inventor

Citizenship

Residence)

Post Office Address

Gregory L. Stahl

US

290 Chestnut Street, Clinton, MA 01510

same as above

Inventor's signature

Full name of first inventor

Citizenship Residence)

Post Office Address

Charles D. Collard

US

52 Oakridge Road, Wellesley, MA 02481

same as above



Express Mail Label No. EV 292458965US Date of Deposit: January 28, 2004 Docket No. A0752.70001US01

101291880

RECORDATION FORM COVER SHEET **PATENTS ONLY**

FORM PTO-1595	
(Rev. 6-93)	
OMB No. 0651-0011 (exp. 4/9	1

U.S. DEPARTMENT OF COMMERCE

OMB No. 0651-0011 (exp. 4/94)	Patent and Trademark Office
To the Commissioner of Patents and Trademarks: Plea	se record the attached original documents or copy thereof.
Name of conveying party(ies): Gregory L. Stahl and Charles D. Collard	Name and address of receiving party(ies)
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	Name: The Brigham and Women's Hospital, Inc. 75 Francis St.
3. Nature of conveyance:	Boston, MA 02115
[X] Assignment [] Merger	
[] Security Agreement [] Change of Name	
[] Other	Additional name(s) & addresses(es) attached? [] Yes [X] No
Execution Date: 1/3/00 1/18/00	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the ex	xecution date of the application is
A. Patent Application No.(s) B. Pat 09/464,303	tent No.(s)
Additional numbers	attached? [] Yes [X] No
Name and address of party to whom correspondence Concerning document should be mailed:	6. Total number of applications and patents involved: [1]
Name: Helen C. Lockhart	
Address: WOLF, GREENFIELD & SACKS, P.C. Federal Reserve Plaza	7. Total fee (37 CFR 3.41)\$ 40.00
600 Atlantic Avenue	[X] Enclosed
- Boston, MA 02210	[] Authorized to be charged to deposit account
	The Commissioner is authorized to charge:
/15/2000 DCOATES 00000108 09464303	8. Deposit Account No: 23/2825
FC:581 40.00 8P DO NOT US	SE THIS SPACE
9. Statement and signature To the best of my knowledge and belief, the foregoing information is document.	true and correct and any attached copy is a true copy of the original
	A C P
Helen C. Lockhart - Reg. No. 39,248, Name of Person Signing	Select February 10, 2000

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Gregory L. Stahl and Charles D. Collard hereby

Sell, assign and transfer to The Brigham and Women's Hospital, Inc., a Massachusetts corporation having a place of business at 75 Francis Street, Boston, MA 02115, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the provisional patent application filed in the United States Patent and Trademark Office on December 15, 1998, under provisional Serial No. 60/112,390 and entitled METHODS AND PRODUCTS FOR REGULATING LECTIN COMPLEMENT PATHWAY ASSOCIATED COMPLEMENT ACTIVATION and United States Letters Patent filed in the United States Patent and Trademark Office on December 15, 1999 under Serial No.09/464,303 and entitled METHODS AND PRODUCTS FOR REGULATING LECTIN COMPLEMENT PATHWAY ASSOCIATED COMPLEMENT ACTIVATION, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

We agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to - said Assignee.

We covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting

the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.
Date Gregory L. Stahl
STATE OF
Subscribed and sworn to before me this 18 day of JANUAR(
SEAL dames a. webbash
Notary Public My Commission Expires

JAMES A. WEBBER, JR.
NOTARY PUBLIC

49 Commission Extres Septembar 18, 2003

1/18/00 Date	Charles D. Collard
STATE OF _ Ma. : COUNTY OF _ Surroll :	
Subscribed and sworn to before me this 18	day of JANUWY
SEAL Notary Public My Commission Expires	<u>-</u>

JAMES A. WEBBER, JR.
NOTARY PUBLIC
by Cournission Entires Sections 18, 223

Budapest Treaty Deposits

American Type Culture Collection

10801 University Blvd., Manasses, VA 20110-2209 Tel. (703) 365-2700: Fax (703) 365-2745

TO DEPOSIT OR TO CONVERT A DEPOSIT TO MEET THE REQUIREMENTS OF BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

All QUESTIONS MUST BE COMPLETED. PLEASE USE ONE FORM PER EACH STRAIN DEPOSITED.

and whether or not plant or animal and source including ge source of isolation and any known hazards associated (e.g. vector, clone or library is derived, source of the DNA insert is name of gene and identity of the host organism.)	eogra	iphic location;	if cell line	, provide tissue & s	pecies, geograph	nical
3F8 Hybridoma - Mouse anti-human manno	se	binding	lectin	antibody		
			<u> </u>		•	
	:				•	
	:					
2. Strain designation (i.e., number, symbols, etc). 3F8	1		•	•	•	
The strain designation must correspond with the vial labels.						
3. Is this an original deposit under the Budapest Treaty? Yes	:					
4. Is this a request for a conversion of a deposit already at indicate ATCC designation.	the #	ATCC to meet	the requirer	nents of the Budapes	st Trealy? If so, p	olease N
5. Is this deposit a mixture of microorganisms or cells? No						
Provide details necessary to cultivate, test for viability method to check presence. (If plasmid, provide name of ho	and	store deposi antibiotic resis	t. If mixture stance). S	. provide description ee attachmen	of components	and a
7. Provide sufficient description so that ATCC may confirm	ı dep	: oslt properties	i (e.g., Gran	n negative rod) Mou	se IgGlk i	sotype
		:	•.			
a. If deposit is a cell culture, is it being cultured in the pres	ence	of antibiotics:	? If so, pleas	e list the antibiotics.		
		•			·	
b If deposit is hybridoma, what is the isotype of antibody produced?	gGl	k :				
•		•				

http://www.atec.org/forms/formbp1 = =

	level for working with this strain	. (Ref. Guidelin	es for Research Involving Recombinant DNA	
	Molecules, NIH Guidelines, January 1996) [www.nih.gov/c	[m]rf.softebrobb	AND JURISH WESSING WESSING DIVA	
		•		
	O Assatt Attitus Dilas s	•	• .	
	9. Availability: Prior to issuance of a U	.S. Patent, ATCC will only m	ake a culture available as instructed by the	
	the Budapest Treaty Instructs ATC	to do so The follow	investigator if a pertinent patent office under	
			ng questions must be answered	
	a. As of date of deposit or conversion to meet the requi	: rements of the Budapest Trea	V do you wish the denselt made audit to	
	anyone who requests a culture? If yes, the	ere are no restrictions	on distribution. Yes No X	
	·	•		
			,	
	 b. As of date of deposit or conversion to meet the requirequesters which satisfy Patent Offices in countries not: 	rements of the Budapest Tree signatory to the Budapest Treat	ty, do you wish the deposit made available to	
	If "yes," please state which countries below. Yes	_ No <u>. </u>		
		•	. !	•
	·		·	. •
•				
	Please note that if you are converting your deposit to r	neet the requirements of the D	Indonest Teach, and one of the second	
	been released for distribution due to the issuance of a U.	S. Patent, you cannot restrict i	t from further distribution	
		:		
		:		
	After a U.S. Patent issues, and we are so notified, ATO U.S. Patent and Trademark Office Rules and Regulation	CC makes the culture available s (37 CFR > 1.808[a][2]).	to anyone who requests it, as allowed under	
Form BP/1	Page 1 of 2 Rev. 1/97			
	10. Do you wish ATCC to inform you of all requests for t	· · · · · · · · · · · · · · · · · · ·		
	to be yet that me to to morn you of all requests for t	nis strain / Yes No	·	
	·	•	•	
	11. ATCC will notify you of your ATCC number after con	Semation of the bills to the		
	_	intribution of viability testing is c	omplete (No Charge).	
Name of In	dividual to notify: Gregory L. Stahl	:		
		•		
	Fax No. Telephone No. 617/278-6957			
		•		
	 Payment by check, or credit card (MasterCard, arrangements for billing have been made and approve person who should receive invoice. Also, please include 		, must accompany the deposit unless prior made to bill you for services, please indicate	
	Purchase order # 2882	Please send i	nvoice to: James A. Webber,	
	Credit Card number (indicate MasterCard, VISA,		BWH Anesthesia Founda	tio:
			75 Francis Street	
or America	an Express) Expiration Date	:	Boston, MA 02115	
		•	•	
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Type or or	rint the name shown on credit card Signature	•		
. 15- a. b.	and the state of the state of the biging of	•		
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http://www.atec.org/forms/formbpl.htm

		1
For ATCC use only: Auth:#:	ROC	
	· •	·
13. Name, address, telephone and facsimile B0801 / 7130	number of your and achment)	omey of record. [Raf: Docket or Case No.
14. MUST BE COMPLETED. Deposited on behalf of company or institute, and normally is not an Individual	of: (Verify with your man i.) Brigham and :	agement who owns the deposit. The owner is usually a Women's Hospital
l understand and agree that the deposit may not be withdraw 30 years after the date of deposit or 5 years after the date of culture should die or be destroyed during the life of the pate with a living culture of the same organism or cell. In the responsibility to supply a sufficient quantity for distribution for	ent or the period of th	me so specified, it is my responsibility to replace it
Typed Name Signature Date Gregory L. Stahl Center for Experiment Address. Dept. of Anesthesia,	ntal Therapeuti Brigham & Won	ics and Reperfusion Injury nen's Hospital, 75 Francis Street
THIS FORM MUST BE COMPLETED IN E	NGLISH	Boston, MA 02115
		•
ADDRESS SHIPMENTS AND FORM TO THE ATTENTION OF:	Patent Depository	
American Type Culture Collection	•	
10801 University Blvd.	:	
Manassas, VA 20110-2209 U.S.A.		
ALL FEES SUBJECT TO CHANGE:		
<u>FEES</u> : 30 years' storage \$600. 30 years' notification \$360. Viability equipment. Prepare additional samples of cells or hybridomas \$100 required number) \$130. Additional costs for return of samples out five years after the last request for a sample, whichever is	side to a small serior	approval (it not submitted trozen of freeze-dried or the
ATCC USE ONLY: ATCC DESIGNATION	REC'D	V.T. RESULT
Name of Deposit	•	

Form BP/1 Page 2 of 2 Rev. 1/97

http://www.aicc.org/formalformhpi :

Budap st Treaty Deposits

American Type Culture Collection

10801 University Blvd , Manassas, VA 20110-2209 Tel (703) 365-2700: Fax (703) 365-2745

TO DEPOSIT OR TO CONVERT A DEPOSIT TO MEET THE REQUIREMENTS OF BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

All QUESTIONS MUST BE COMPLETED. PLEASE USE ONE FORM PER EACH STRAIN DEPOSITED.

1. Name of deposit. (If microorganism, complete scientific name including genus and species and source of material; If virus, name and whether or not plant or animal and source including geographic location; if cell line, provide tissue & species, geographical source of isolation and any known hazards associated (e.g. HIV, EBV, etc.); if genetic materials, name of organism from which vector, clone or library is derived, source of the DNA Insert identified by species (e.g. human, mouse) or scientific name and provide name of gene and identity of the host organism.)

	2 - mouse anti-human man	nose bindin	g lectin ar	tibody	
					_
					· ·
Strain desi	ignation (i.e., number, symbols, etc).	MBL1.2			
The strain o	designation must correspond with the via	l labels.			
			•		
. Is this an o	original deposit under the Budapest Treaty?	Yes			
	Description of the description of the state	123			
			:		
	4. Is this a request for a conversion of a defindicate ATCC designation.	posit already at the	ATCC to meet the	requirements of the Budap	esi Treaty7 II so plea
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. Is this den	osil a mixture of microscopiem and the	. ·			
. Is this dep	osit a mixture of microorganisms or cells?	No			
. Is this dep			· · · · · · · · · · · · · · · · · · ·		e e
. Is this dep	6. Provide details paceasan, to publicate a		! store deposit. If antibiotic resistanc	mixture, provide descriptio e) , See attachme	n of components and
. Is this dep			! ! store deposit. If antibiotic resistanc	mixture, provide descriptio e) , See attachme	n of components and
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ls this dep	6. Provide details paceasan, to publicate a	est for viability and ide name of host &	:	es , see attachme	nt ·
. Is this dep	6. Provide details necessary to cultivate, to method to check presence. (If plasmid, provide sufficient description so that ATC) 7. Provide sufficient description so that ATC.	est for viability and ide name of host & C may confirm dep	osit properties (e g	Gram negalive rod) Mc	nt ·
. Is this dep	6. Provide details necessary to cultivate, to method to check presence. (If plasmid, provi	est for viability and ide name of host & C may confirm dep	osit properties (e g	Gram negalive rod) Mc	nt ·
	6. Provide details necessary to cultivate, to method to check presence. (If plasmid, provide sufficient description so that ATC) 7. Provide sufficient description so that ATC.	est for viability and de name of host & C may confirm dep	osit properties (e g	Gram negalive rod) Mc	nt ·

http://www.atec org/forms/formbpl.htr

	level for working with this strain	. IRcl Guidelines In Pass	
	Molecules, NIH Guidelines, January 1996) [www.nih gov/od	(orda/toc.htm)	arch Involving Recombinant DNA
			·
	 Availability: Prior to issuance of a U S depositor or relevant patent office. Samples n the Budapest Treaty instructs ATCC 	. Patent, ATCC will only make a cultur nust be provided to a specific investigato to do so The following question	e available as instructed by the rif a pertinent patent office under ons must be answered
	R As of date of deposit or economics as a second		
	a. As of date of deposit or conversion to meet the required anyone who requests a culture? If yes, there	ments of the Budapest Treaty, do you well are no restrictions on distribu	ish the deposit made available to
	•	:	
	 As of date of deposit or conversion to meet the require requesters which satisfy Patent Offices in countries not sig 	ments of the Budapest Treaty, do you w natory to the Budapest Treaty?	ish the deposit made available to
	If "yes," please state which countries below. Yes		
•			
•			•
. •	_	· ·	
	Please note that if you are converting your deposit to me been released for distribution due to the issuance of a U.S.	et the requirements of the Budapest Tre	Atv. and your dones' has also
	been released for distribution due to the issuance of a U.S.	Patent, you cannot restrict it from furthe	r distribution.
	After a U.S. Patent issues, and we are so notified, ATCC U.S. Patent and Trademark Office Rules and Regulations (makes the culture available to anyone to 37 CFR a 1 808 (a)(21)	who requests it, as allowed under
Form BP/1	Page 1 of 2 Rev. 1/97	[a](2)).	
	10. Do you wish ATCC to inform you of all requests for this	strain? Yes X No	
		•	
	11. ATCC will notify you of your ATCC number after confirm	Mation of viability testing to complete (Ale	Charrel
Name of In	idividual to notify: Gregory L. Stahl	realist of viability testing is complete (No	Charge).
	oregory by beauty	:	
		:	
	Fax No. Telephone No. 617/278-6957		
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	12. Payment by sheet as a 19		•
	12. Payment by check, or credit card (MasterCard, Variangements for billing have been made and approved, person who should receive invoice. Also, please include P.	ISA or American Express), must acc If arrangements have been made to bit O. number	ompany the deposit unless prior I you for services, please indicate
	Purchase order # 2882	Send Invoice to	: James A. Webber, Jr.
	Condit Cond number distincts Market Division		BWH Anesthesia Foundation
	Credit Card number (indicate MasterCard, VISA,	•	75 Francis Street
or America	an Express) Expiration Date	•	Boston, MA 02115
		•	·
#		•	·
Type or pr	int the name shown on credit card Signature		

http://www.atec.org/forms/formbpf.htm

•	:	
	<u></u>	
For ATCC use only: Auth:	ROC	
		·
		——————————————————————————————————————
•	•	
13. Name, address, telephone and facsimile	e number of your	attorney of record [Ref: Docket or Case No.
B0801	/ 7130 (see	attachment)
14. MUST BE COMPLETED. Deposited on beha company or institute, and normally is not an included	ilf of: (Verify with your rual.)	management who owns the deposit. The owner is usually a
Brigha	m and Women's	Nogoda-1
I UDDARSIAND AND ARROW that the demonstra	•	
30 years after the date of deposit or 5 years after the date of culture should die or be destroyed during the life of the pwith a living culture of the same organism or cell. In the casponsibility to supply a sufficient quantity for distribution	atent or the period o	of time so specified it is my responsibility and that if a
	THE PERIOD OF UM	e specified above
Typed Name Signature Date Gregory L. Stahl		
Address. Center for Experim	ental Therape	utics and Reperfusion Injury,
Dept. of Anesthesi	a, Brigham &	utics and Reperfusion Injury, Women's Hospital, 75 Francis Street
THIS FORM MUST BE COMPLETED IN	ENGLISH	Boston, MA 02115
•		·
ADDRESS SHIPMENTS AND FORM TO THE ATTENTION O	Et Bakast Danasta	
American Type Culture Collection	r. Patent Depository	•
		·
10801 University Blvd.		
Manassas, VA 20110-2209 U.S.A.	i	
ALL FEES SUBJECT TO CHANGE:		·
FEES: 30 years' storage \$600. 30 years' notification \$360. Viable equipment. Prepare additional samples of cells or hybridomas required number) \$130. Additional costs for return of samples of five years after the last request for a sample, whichever		
five years after the last request for a sample, whichever	is longer, as require	d under the rules of patent offices in most countries.
·	•	
ATCC USE ONLY: ATCC DESIGNATION	REC'D	VT PECINT
		T.I. RESULT
Name of Deposit_	· ·	
Name of Deposit	Strain Designation	

Form BP/1 Page 2 of 2 Rev 1/97

Budapest Treaty Deposits

American Type Culture Collection

10801 University Blvd., Manassas, VA 20110-2209 Tel. (703) 365-2700; Fax (703) 365-2745

TO DEPOSIT OR TO CONVERT A DEPOSIT TO MEET THE REQUIREMENTS OF BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

All QUESTIONS MUST BE COMPLETED. PLEASE USE ON	E FORM PER FACH STRAIN DEPOSITOR

	 Name of deposit. (If microorganism, complete scientific nan and whether or not plant or animal and source including geog source of isolation and any known hazards associated (e.g. H vector, clone or library is derived, source of the DNA insert idei name of gene and identity of the host organism.) 	graphic location;	n cell line	, provide lissi	18 & species, g	eographical
2A9	Hybridoma - Mouse anti-human mannose	e binding	lectin	antibody		•
						
2. Strain d	esignation (i.e., number, symbols, etc). 2A9					
The strai	n designation must correspond with the vial labels.					
3. Is this a	in original deposit under the Budapest Treaty? Yes					
	 Is this a request for a conversion of a deposit already at the indicate ATCC designation. No 	ATCC to meet t	thé requirem	ents of the Bu	dapest Treaty?	il so, please
5. Is this o	deposit a mixture of microorganisms or cells? No					
	6. Provide details necessary to cultivate, test for viability an method to check presence. (If plasmid, provide name of host &	d store deposit, antibiotic resist	. If mixture, pance).	provide descr See att:	iption of compo	inents and a
	7. Provide sufficient description so that ATCC may confirm de	posit properties ((<i>e.g</i> , Gram r	egative rod).	Mouse Ige	Glk isotype
	a II deposit is a cell culture, is it being cultured in the presence	: e of antiblotics? ! :	lf so, please	list the antibio	lics	·
b II depo	sit is hybridoma, what is the Isotype of antibody produced? 1 gG	i Gljk				

8. Is this strain hazardous to humans? No , animals? No , plants? No II yes, what is the recommended biosafety

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	level for working with this strain		ıldelines fo	r Research Involving Recombina	201 0314
-	Molecules, NIH Guidelines, January 1996) [www.nih.gov/od/o	rda/toc.htm)		·	-in DNA
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	 Availability: Prior to Issuance of a U.S. depositor or relevant patent office. Samples muthe Budapest Treaty instructs. ATCC to the prior of the Budapest. 				cè under
	a. As of date of deposit or conversion to meet the requirem anyone who requests a culture? If yes, there	ents of the Budapest are no restriction	Treaty, do	you wish the deposit made available for the deposit made avail	aliable to
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	After a U.S. Patent issues, and we are so notified, ATCC U.S. Patent and Trademark Office Rules and Regulations (3	makes the culture ava 7 CFR > 1.808 [8][2]).	allable to a	nyone who requests it, as allow	ved under
Form 8P/1 F	Page 1 of 2 Rev. 1/97	:			
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	11. ATCC will notify you of your ATCC number after confirm	nation of viability testing	g is comple	ete (No Charge).	
Name of Ind	ividual to notify: Gregory L. Stahl				
	•	•			
	Fax No. Telephone No. 617/278-6957			•	
	•	•			
	12. Payment by check, or credit card (MasterCard, VII arrangements for billing have been made and approved. I person who should receive invoice. Also, please include P.C.		oress), mu been mad	ist accompany the deposit un le to bill you for services, pleas	aless prior se Indicate
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Form BP/1 Page 2 of 2 Rev 1/97

ATCC

10801 University Blvd • Manassas, VA 20110-2209 • Telephone: 703-365-2700 • FAX: 703-

BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT ISSUED PURSUANT TO RULE 7.3 AND VIABILITY STATEMENT ISSUED PURSUANT TO RULE 10.2

To: (Name and Address of Depositor or Attorney)

Brigham & Women's Hospital Attn: Gregory L. Stahl Dept. of Anesthesia, 75 Francis Street Boston, MA 02115

Deposited on Behalf of:

Brigham and Women's Hospital

Identification Reference by Depositor:

ATCC Designation

Mouse hybridoma hMBL1.2 Mouse hybridoma 2A9 Mouse hybridoma 3F8

HB-12619

HB-12620

HB-12621

The deposits were accompanied by: ___ a scientific description _ a proposed taxonomic description indicated above. The deposits were received <u>December 16, 1998</u> by this International Depository Authority and have been accepted.

AT YOUR REQUEST: X

We will inform you of requests for the strains for 30 years.

The strains will be made available if a patent office signatory to the Budapest Treaty certifies one's right to receive, or if a U.S. Patent is issued citing the strains, and ATCC is instructed by the United States Patent & Trademark Office or the depositor to release said strains.

If the cultures should die or be destroyed during the effective term of the deposit, it shall be your responsibility to replace them with living cultures of the same.

The strains will be maintained for a period of at least 30 years from date of deposit, or five years after the most recent request for a sample, whichever is longer. The United States and many other countries are signatory to the Budapest Treaty.

The viability of the cultures cited above was tested January 20, 1999. On that date, the cultures were viable.

International Depository Authority: American Type Culture Collection, Manassas, VA 20110-2209 USA.

Signature f person having authority to represent ATCC:

Barbara M. Hailey, Administrator, Patent Depository

Date: January 21, 1999

cc: Helen Lockhart (Ref. B0801/7130)